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(TO STANDARD COMMODITY CLASSIFICATION)

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CONVERSION OF RAILWAY FREIGHT TRAFFIC, 1961 TO STANDARD COMMODITY CLASSIFICATION

INTRODUCTION

Revenue freight traffic statistics for 1961, published earlier in conformity with the "Canadian Freight Commodity Statistics Classification", are summarized herein on the basis of the revised "Standard Commodity Classification" of the Dominion Bureau of Statistics. This supplement, which shows Canada totals only, will enable comparisons with freight movements by other modes of transport as well as with other commodity data now being released by the Dominion Bureau of Statistics in accordance with the Standard Classification.

Under the Standard Classification structure commodities are grouped into five main sections and are classified mainly on the basis of "chief component materials" and "purpose" rather than "origin". The five sections are: I. Live Animals; II. Food, Feed, Beverages and Tobacco; III. Crude Materials, Inedible; IV. Fabricated Materials, Inedible; and V. End Products, Inedible.

In converting Canadian Freight Commodity Statistics Classification data to the Standard system it was found that many of the reporting classes were directly comparable and that it was possible to relate others by combining two or more items. Only a small percentage of categories (representing approximately 4 per cent of the total tonnage) could not be readily converted. These items are shown separately at the end of the table under the heading, "Miscellaneous".

Traffic

Crude materials inedible, which includes raw products and those that have been subjected to preliminary processing merely for cleaning or ease in shipping, accounted for 68.9 million tons or 45.3 per cent of all rail movements in 1961. This compared with 73.8 million tons or 46.9 per cent of the previous year total. Of the 1961 volume carried by the twenty-two reporting roads 63.2 million tons

were loaded in Canada, while 4.3 million tons were received from United States rail connections for delivery in Canada. Intransit or overhead traffic (U.S. to U.S. through Canada) totalled 1.4 million tons.

Fabricated materials, the second largest group, made up 26.4 per cent of the overall rail tonnage handled in 1961 (26.3 per cent in 1960). Comprising this group are materials which have undergone processing to some degree but which will be further involved in more complicated industrial processes before reaching the form in which their end use is served. Rail movements of fabricated materials aggregated 40.1 million tons in 1961 compared with 41.3 million tons a year earlier. Loadings during the year under review totalled 31.1 million tons while receipts destined to domestic and U.S. points totalled 2.5 and 4.4 million tons, respectively.

Food, feed, beverages and tobacco accounted for 21.0 per cent of all rail freight with 32.0 million tons carried in 1961 as against 30.9 million tons a year earlier. Of the 1961 total, 26.3 million tons were domestic loadings while 5.8 million tons were received from the U.S., either for delivery in Canada or intransit to a U.S. point.

End products, which consist of articles rather than materials, totalled 4.0 million tons (4.6 in 1960) and the volume of live animals aggregated 0.4 million tons (0.4 also in 1960).

Other commodities, which were not directly convertible and are shown under the heading "miscellaneous", accounted for 5.4 million tons of rail freight in 1961 (5.1 million tons the previous year) and less-than-carload lots (l.c.l.), which could not be classified according to the Standard Commodity Classification, totalled 1.2 million tons, down slightly from 1.3 million tons in 1960.

Revenue Freight Carried by Railways, 1961 — Canada

F.C.C. Code	Adapted S.C.C. Code	Commodities	Originated or loaded at stations in Canada (includes imports at lake or ocean ports)	Received from U.S.(rail)		1961		1960 Total	Terminated or unloaded at stations in Canada (includes exports at lake or ocean ports)	Delivered to U.S. rail connections						
				Destined to Canadian points	Destined to U.S. points	Total freight traffic (excluding duplications)	Per cent of grand total									
tons																
SECTION I																
Live animals																
203, 205	001	Cattle	262,660	519	15,469	278,648	.183	262,961	238,499	38,053						
207, 209	003	Sheep	12,134	1,160	7,567	20,861	.014	17,558	13,311	7,601						
211, 213	005	Swine	102,961	437	29,161	132,559	.087	136,810	104,810	29,273						
201	007	Horses	10,067	190	111	10,368	.007	11,810	10,325	120						
233	009	Poultry	259	86	160	505	—	751	387	198						
		Total live animals	388,081	2,392	52,468	442,941	.291	429,890	367,332	75,245						
SECTION II																
Food, feed, beverages and tobacco																
215, 225	021	Meat, fresh, chilled or frozen	187,215	14,914	306,335	508,464	.334	543,939	203,476	313,407						
217	029	Meat and meat preparations, n.e.s.	26,230	1,766	10,241	38,237	.025	46,290	25,616	12,840						
243	059	Fish and marine animals	47,458	220	1,571	49,249	.032	52,222	31,671	17,321						
229	063	Butter	14,972	1,240	39,055	55,267	.036	54,931	14,773	39,191						
231	065	Cheese	22,068	363	27,721	50,152	.033	54,919	30,448	28,200						
227	071	Eggs (in shell)	4,128	—	36	4,164	.003	5,414	4,146	36						
233	079	Dairy produce, n.e.s. (part)	2,773	113	376	3,262	.002	3,074	2,897	376						
9	081	Barley	2,673,891	749	42,314	2,716,954	1.786	2,663,325	2,662,959	46,573						
3	083	Corn	163,621	113,929	559,339	836,889	.550	844,495	243,573	572,795						
7	085	Oats	882,148	5,662	94,438	982,248	.646	1,181,560	864,842	113,001						
11	086	Rice	22,460	9,492	7,505	39,457	.026	38,167	26,239	9,289						
10	087	Rye	139,666	166	2,831	142,663	.094	141,862	131,259	719						
1	091	Wheat	14,929,763	8,443	221,276	15,159,482	9.966	13,300,603	14,910,886	232,562						
5, 13	099	Cereals unmilled, n.e.s.	80,245	7,549	8,644	96,438	.063	72,671	86,487	10,893						
17	101	Corn meal	3,683	10,499	5,799	19,981	.013	18,676	14,549	8,517						
103	105	Malt	234,241	3,033	172,929	410,203	.270	365,353	175,301	231,036						
15	107	Wheat flour	1,148,628	28,587	303,173	1,480,388	.973	1,639,720	1,119,661	338,231						
19, 21, 767	119	Grain, flour, meal and cereal preparations, n.e.s.	201,727	33,001	267,669	502,397	.330	436,113	221,216	280,291						
49	121	Apples	78,205	5,596	2,219	86,020	.057	91,286	70,898	16,170						
51	123	Bananas	1,851	99,820	10,168	111,839	.074	153,789	101,675	10,177						
61	125	Grapefruit, oranges, mandarines and tangarines	22,603	135,703	3,874	162,180	.107	192,861	159,122	3,586						
57	127	Grapes	2,652	70,883	5,994	79,529	.052	81,553	73,701	8,563						
59	128	Lemons, limes and citrus fruits, n.e.s.	822	14,358	1,152	16,332	.011	20,769	15,624	1,114						
67	131	Watermelons	424	19,502	204	20,130	.013	29,348	20,623	162						
55	133	Cantaloupes and melons	500	19,111	7,899	27,510	.018	59,098	18,671	7,862						
63	135	Peaches	9,527	12,131	396	22,054	.014	22,026	22,412	396						
65	137	Pears	7,519	10,093	1,314	18,926	.012	21,365	16,572	2,456						
53	138	Berries	1,833	269	349	2,451	.002	2,620	1,147	584						
69	139	Fresh or chilled fruits and berries, n.e.s.	15,716	13,191	2,557	31,464	.021	31,628	28,927	3,138						
73	141	Frozen fruits and berries	3,947	4,129	6,327	14,403	.009	18,321	8,169	6,751						
71	149	Fruits and fruit preparations, n.e.s. (part)	5,264	12,762	4,024	22,050	.014	27,438	17,457	4,005						
97	151	Peanuts	1,389	8,284	339	10,012	.007	12,036	9,487	339						
101	161	Sugar beets	650,583	55	3,038	653,676	.430	691,896	650,619	3,038						
77	163	Cabbage	2,092	24,061	441	26,594	.017	28,979	26,296	403						
79	164	Celery	161	35,055	3,531	38,747	.025	38,871	35,213	3,531						
81	165	Lettuce	548	69,619	13,696	83,863	.055	78,680	69,797	13,677						
83	167	Onions	12,327	10,524	3,675	26,526	.017	39,334	23,025	3,663						
85	173	Potatoes	383,121	62,009	166,278	611,408	.402	710,070	442,880	184,385						
87	175	Tomatoes	5,607	63,882	1,026	70,515	.046	77,212	70,165	1,073						
89	179	Vegetables, fresh or chilled, n.e.s.	57,133	88,730	14,315	160,178	.105	154,343	142,213	18,192						
95	181	Vegetables, frozen	17,351	5,119	18,444	40,914	.027	28,179	21,405	18,911						
91	185	Beans and peas, dried	26,333	8,567	71,659	106,559	.070	91,412	33,100	71,943						
93	187	Vegetables dried, n.e.s.	1,122	1,793	838	3,753	.002	4,066	3,012	857						
759	201	Sugar	462,365	6,903	78,714	547,982	.360	576,994	458,732	85,683						
755, 757	209	Molasses and syrups, n.e.s.	69,374	16,163	114,908	200,445	.132	214,524	68,094	120,542						
761	219	Sugar preparations (incl. confectionery)	47,099	1,920	37,641	86,660	.057	84,110	* 47,052	41,199						
75	223	Coffee	22,706	10,949	39,246	72,901	.048	84,182	31,364	39,600						
221	231	Margarine and similar products	19,199	—	6,184	25,383	.017	18,609	24,105	1,189						
219, 763	249	Foods, food materials and food preparations, n.e.s. (part)	850,484	111,632	459,595	1,421,711	.935	1,559,558	965,363	491,872						
25	251	Hay and clover	111,115	418	4,108	115,641	.076	65,126	108,330	5,280						
27	252	Straw	27,533	590	181	28,304	.019	7,880	27,710	490						
23, 41	259	Grain feeds, n.e.s.	943,513	37,349	292,380	1,273,242	.837	1,301,089	849,705	423,262						

Revenue Freight carried by Railways, 1961—Canada—Continued

F.C.C. code	Adapted S.C.C. code	Commodities	Originated or loaded at stations in Canada (includes imports at lake or ocean ports)	Received from U.S. (rail)		1961		1960 Total	Terminated or unloaded at stations in Canada (includes exports at lake or ocean ports)	Delivered to U.S. rail connections
				Destined to Canadian points	Destined to U.S. points	Total freight traffic (excluding duplica- tions)	Per cent of grand total			
tons										
		Food, feed, beverages and tobacco—Concluded								
39	263	Cottonseed oil cake and meal	460	2,048	2,080	4,588	.003	9,643	1,924	2,080
45	265	Soyabean oil cake and meal	152,481	170,535	188,872	511,888	.337	551,795	305,871	189,146
47	269	Oil seed cake and meal, n.e.s.	21,930	758	17,142	39,830	.026	35,184	19,116	20,235
773	279	Fodder and feed, n.e.s.	641,057	56,992	531,696	1,229,745	.808	1,364,392	626,651	613,133
749	283	Ale, beer, stout and porter	561,377	788	76,751	638,916	.420	552,380	543,301	78,248
747	285	Wines	16,436	1,285	25,243	42,964	.028	43,571	22,514	25,519
745	287	Distilled alcoholic beverages	95,246	2,461	7,400	105,107	.069	108,478	74,270	36,898
751	289	Beverages, n.e.s.	17,522	46	614	18,182	.012	16,513	16,605	837
29	291	Tobacco, unmanufactured	48,291	448	975	49,714	.033	58,784	59,608	586
777	293	Cigarettes	44,394	259	95	44,748	.029	38,136	37,301	557
775	295	Tobacco, manufactured, n.e.s.	7,730	137	373	8,240	.005	8,820	5,614	976
		Total food, feed, beverages and tobacco	26,253,859	1,456,653	4,299,207	32,009,719	21.043	30,870,282	27,145,419	4,817,586
SECTION III										
		Crude materials, inedible								
239	301	Raw hides and skins	33,579	44,332	66,207	144,118	.095	122,914	67,705	73,577
299	309	Crude animal products, inedible, n.e.s. (part)	54,700 ¹	13,263	41,972	109,935	.072	101,624	55,364	56,031
107	319	Seeds for sowing, n.e.s.	298,980	4,058	9,326	312,364	.205	407,675	277,236	16,427
37	323	Cottonseed	141	80	57	278	—	252	229	57
105	327	Flaxseed	478,780	131	1,580	480,491	.316	542,212	477,302	3,101
43	337	Soyabeans	96,295	545	3,445	100,285	.066	51,165	92,162	3,753
523	343	Rubber and allied gums, natural	119,696	25,657	47,204	192,557	.127	217,987	115,908	78,512
401	351	Logs and bolts (part)	1,609,026	25,981	21,625	1,656,632	1.089	2,071,439	1,608,592	51,977
403	355	Round timber	382,072	11,689	11,653	405,414	.267	413,662	303,303	99,877
409	357	Pulpwood	4,483,118	1,607	78,806	4,563,531	3.000	4,772,903	3,789,338	932,827
405	358	Fuelwood	10,847	484	239	11,570	.008	16,751	10,448	1,122
235, 237	363	Wool and fine animal hair, n.e.s.	18,905	3,000	25,065	46,970	.031	38,007	16,985	28,753
33	365	Raw cotton	7,975	85,028	31,626	124,629	.082	114,268	92,081	31,194
35	369	Cotton, n.e.s.	10,546	14,968	9,488	35,002	.023	35,454	22,992	11,110
731	375	Synthetic fibres	3,731	831	478	5,040	.003	8,462	4,606	560
311	381	Aluminum ore and concentrates	1,957,304	124,719	83,038	2,165,061	1.423	2,930,338	2,068,718	84,342
313	383	Copper ores and concentrates (part) ..	685,368	—	875	686,243	.451	653,964	686,069	15,285
309	385	Iron ore and concentrates	16,861,568	32,393	3,205	16,897,166	11.108	18,771,261	16,498,502	393,282
315	388	Lead ore and concentrates	307,641	106	195	307,942	.202	299,652	318,491	26,376
314	393	Nickel ores, concentrates and matte (part)	3,845,987	4,153	—	3,850,140	2.531	3,009,773	3,849,515	256
317	397	Zinc ores and concentrates	826,043	295	10,187	836,525	.550	641,965	687,469	216,004
319	399	Metallic ores and concentrates, n.e.s.	1,371,564	106,371	96,317	1,574,252	1.035	2,162,189	1,091,237	485,779
789, 791	400	Iron and steel scrap	1,006,252	134,991	26,062	1,167,305	.767	1,180,082	920,469	205,397
795	401	Non-ferrous metal scrap	230,979	3,549	42,454	276,982	.182	316,354	209,740	58,499
793	403	Slag, drosses and other by products ..	83,823	631	1,378	85,832	.056	76,899	82,194	4,309
301, 303	405	Coal, anthracite	242,149	786,172	107,181	1,135,502	.746	1,378,104	1,064,418	121,618
305	407	Coal, bituminous	9,200,101	788,612	248,513	10,237,226	6.730	11,002,316	9,908,593	381,113
337	415	Crude petroleum	522,908	538	95	523,541	.344	633,692	503,640	22,950
346	421	Asbestos, unmanufactured, crude and fibre	1,033,482	5,730	33,919	1,073,131	.705	1,067,202	459,436	583,433
323	423	Bentonite	78,645	233,979	47,866	360,490	.237	390,867	315,087	54,775
331	427	Dolomite	138,519	827	45	139,391	.092	261,907	107,131	32,285
325	435	Sand	160,795	560,802	28,997	750,594	.493	715,800	692,441	27,858
327	439	Sand and gravel	4,504,665	99,847	13,408	4,617,920	3.036	5,050,846	4,214,929	14,037
329	445	Crushed stone	5,122,377	88,934	21,258	5,232,569	3.440	5,947,383	5,006,693	221,838
333	449	Stone, crude, n.e.s.	83,185	16,837	9,893	109,915	.072	56,266	103,066	10,958
753	455	Ice	1,391	—	34	1,425	.001	7,715	1,387	34
321	457	Barytes	28,259	2,218	4,921	35,398	.023	48,304	30,449	4,871
348	461	Gypsum	4,000,866	1,605	—	4,002,471	2.631	3,429,655	3,991,199	11,650
343	465	Phosphate rock	70,307	729,945	1,241	801,493	.527	668,903	790,887	1,592
341	467	Salt	1,114,616	40,994	119,253	1,274,863	.838	1,167,135	820,668	188,422
345	475	Sulphur	478,343	37,858	3,300	519,501	.342	403,059	337,668	191,927
399	479	Non-metallic minerals, crude, n.e.s.	1,397,490	164,572	93,978	1,656,040	1.089	2,132,779	1,135,503	515,527
655	481	Scrap rags and paper	160,401	47,490	52,683	260,574	.171	259,402	170,270	87,341
651	483	Broken or ground brick, blocks, crockery and glass	6,303	5,151	2,545	13,999	.009	15,756	11,003	2,987
31	491	Tobacco siftings, sweepings and waste	1,089	31	30	1,150	.001	6,731	1,290	120
797	499	Waste and scrap materials, n.e.s. (part)	68,381	27,724	11,300	107,405	.071	170,537	83,407	26,549
		Total crude materials, inedible	63,199,192	4,278,728	1,412,942	68,890,862	45.289	73,771,611	63,095,820	5,380,292

See footnote at end of table.

Revenue Freight Carried by Railways, 1961—Canada — Continued

F.C.C. code	Adapted S.C.C. code	Commodities	Originated or loaded at stations in Canada (includes imports at lake or ocean ports)	Received from U.S. (rail)		1961		1960 Total	Terminated or unloaded at stations in Canada (includes exports at lake or ocean ports)	Delivered to U.S. rail connections						
				Destined to Canadian points	Destined to U.S. points	Total freight traffic (excluding duplica- tions)	Per cent of grand total									
tons																
SECTION IV																
Fabricated materials, inedible																
241	501	Leather.....	886	273	1,178	2,337	.002	2,839	5,894	1,348						
525	511	Rubber fabricated materials	8,163	769	3,549	12,481	.008	13,144	8,883	3,688						
411	521	Lumber, timber, shingles and lath	5,596,396	230,891	508,852	6,336,139	4.165	6,303,389	2,615,134	3,711,735						
407	525	Railway ties	68,388	838	348	69,574	.046	118,868	67,463	2,089						
415	541	Veneer and plywood	572,137	22,614	264,375	859,126	.565	735,424	532,376	328,821						
677	545	Millwork (woodwork)	12,723	6,478	37,262	56,463	.037	50,743	16,339	37,937						
413	547	Box, crate and cooperage material	15,574	26,886	3,205	45,665	.030	50,166	32,813	5,245						
703	549	Wood fabricated materials, n.e.s. (part).....	11,785	1,765	12,348	25,898	.017	26,320	12,780	14,352						
653	551	Wood pulp.....	2,487,900	29,601	170,724	2,688,225	1.767	2,517,841	562,035	2,206,162						
657	555	Newsprint paper	3,982,344	12,671	279,995	4,275,010	2.810	4,117,827	961,641	3,221,103						
659	557	Printing paper	113,856	12,830	502,834	629,520	.414	743,544	112,432	611,157						
661	561	Wrapping paper	121,453	8,252	69,988	199,693	.131	218,065	124,942	82,987						
665	569	Paper, n.e.s.	148,754	10,297	179,980	339,031	.223	349,576	149,808	192,659						
669	571	Paperboard.....	445,143	59,226	92,327	596,696	.392	604,168	493,120	113,256						
673	573	Building paper and prepared roofing materials	112,330	24,010	19,534	155,874	.102	173,603	130,436	23,464						
671	575	Building board.....	276,955	10,521	38,765	326,241	.214	380,336	270,394	54,356						
735	583	Cordage, twine and rope	24,863	673	2,238	27,774	.018	29,132	19,429	10,046						
727, 729	585	Fabrics, cotton	26,483	7,034	7,712	41,229	.027	43,665	34,112	7,964						
723	587	Sacking materials	23,201	571	1,412	25,184	.017	22,656	14,486	10,159						
733	589	Broad woven fabrics, n.e.s.	4,752	189	918	5,859	.004	4,640	4,644	1,333						
551	591	Other fabrics	3,415	736	3,915	8,066	.005	7,793	4,156	3,999						
245	605	Fish and marine animal oils	20,626	7,044	4,429	32,099	.021	19,115	25,600	5,584						
511	611	Cottonseed oil	1,049	21,166	3,801	26,016	.017	25,759	21,743	3,951						
513	613	Linseed oil	3,431	189	10,694	14,314	.009	17,799	3,546	11,035						
515	615	Soyabean oil	18,205	9,873	45,252	73,330	.048	114,413	27,425	45,357						
517	619	Vegetable oils and fats, n.e.s.	67,453	11,257	14,740	93,450	.061	71,373	77,098	15,546						
521	621	Foots	7,296	727	3,697	11,720	.008	11,739	6,053	5,615						
545	623	Tanning and dyeing materials.....	3,379	1,600	1,147	6,126	.004	3,624	4,697	1,147						
417	627	Gum, wood and vegetable extracts, n.e.s.	3,576	16,845	255	20,676	.014	21,450	20,261	597						
519	629	Oils, fats, waxes, animal and vegetable, n.e.s. (part)	8,537	7,741	2,809	19,087	.013	15,046	31,346	3,237						
537	631	Carbon, black	28,598	11,103	5,462	45,163	.030	37,801	34,574	9,966						
529	641	Sulphuric acid	82,894	1,577	294	84,765	.056	79,787	73,751	10,007						
535	655	Alcohols and their derivatives, n.e.s.	42,140	4,589	8,396	55,125	.036	57,710	46,644	9,837						
527, 531, 533	659	Chemicals, n.e.s.	1,454,371	202,300	444,072	2,100,743	1.381	2,173,336	1,249,853	698,975						
539	661	Fertilizers	1,774,144	267,503	165,691	2,207,338	1.451	2,126,012	1,163,752	1,004,822						
635	667	Adhesives	114,776	9,541	5,272	129,589	.085	115,189	125,683	6,770						
549	673	Plastic materials	44,028	10,732	42,819	97,579	.064	101,043	43,117	53,811						
547	675	Paints and related products	60,831	20,404	42,259	123,494	.081	111,237	77,682	46,294						
631	677	Explosives, fuses and caps	46,326	3,852	6,628	56,806	.037	82,622	48,523	9,372						
541	679	Chemical products, n.e.s. (part)	7,590	7,399	9,253	24,242	.016	22,395	15,619	10,096						
501	681	Gasoline	2,919,941	24,343	14,658	2,958,942	1.945	3,534,705	3,224,199	13,392						
503	683	Fuel oil	2,871,749	37,231	13,041	2,922,021	1.921	3,270,386	3,310,858	50,306						
505	685	Lubricating oils and greases	235,314	62,782	30,849	328,945	.216	351,216	309,366	32,082						
307	687	Coke	1,031,704	476,993	63,094	1,571,791	1.033	1,582,663	1,362,743	205,076						
507, 509	691	Refined and manufactured gases, fuel type	813,031	105,606	138,159	1,056,796	.695	1,043,259	814,510	279,643						
339	693	Asphalt	311,877	10,798	8,098	330,773	.217	381,140	359,892	8,409						
543	695	Tar, pitch and creosote	97,018	35,088	14,426	146,532	.096	187,950	119,971	22,576						
569	701	Ferro alloys	93,574	9,357	20,028	122,959	.081	151,930	90,898	36,869						
573	703	Pig iron	121,092	470	41,566	163,128	.107	185,334	114,100	55,265						
575, 577	704	Iron and steel: billet, bloom and ingot	689,132	23,277	68,023	780,432	.513	850,612	713,369	73,301						
583	705	Iron and steel manufactured, n.e.s.	1,255,191	167,347	614,484	2,037,022	1.339	2,447,449	1,368,608	683,263						
609	711	Rails and railway track material	98,977	5,487	8,095	112,559	.074	135,305	102,222	14,587						
585	713	Cast iron pipes and fittings	15,387	483	1,852	17,722	.012	20,497	16,623	2,104						
587	715	Iron and steel: pipes, tubes and fittings	590,210	33,555	12,281	636,046	.418	484,152	590,570	36,159						
581	717	Wire and wire rope, iron, and steel	61,159	3,306	27,108	91,573	.060	99,437	68,805	28,192						
579	719	Iron and steel, n.e.s. (part)	25,213	18,546	8,066	51,825	.034	104,027	41,596	17,622						
555	721	Aluminum: bar, ingot, pig and slab	352,347	313	13,461	366,121	.241	390,953	253,354	115,476						
557	725	Aluminum, n.e.s.	59,191	1,133	9,018	69,342	.046	76,450	52,325	18,251						
559, 561	727	Copper, unalloyed and alloyed	654,532	14,251	130,433	799,216	.525	842,487	587,728	210,026						
563	735	Lead and zinc: bar, ingot, pig and slab	424,212	2,575	16,914	443,701	.292	432,606	295,905	136,249						
565	739	Lead and zinc alloys, n.e.s.	2,033	599	837	3,469	.002	4,374	2,702	887						
567	747	Magnesium metals and alloys	11,370	129	280	11,779	.008	7,203	7,092	372						
571	749	Non-ferrous metals and alloys, n.e.s.	103,328	1,892	4,017	109,237	.072	71,243	47,616	61,541						
679	756	Structural and architectural metal products	16,186	1,008	2,709	19,903	.013	20,362	17,668	3,136						
589	757	Tanks	21,625	2,247	3,234	27,106	.018	31,876	22,790	4,688						

Revenue Freight Carried by Railways, 1961—Canada—Continued

F.C.C. code	Adapted S.C.C. code	Commodities	Originated or loaded at stations in Canada (includes imports at lake or ocean ports)	Received from U.S. (rail)		1961		1960 Total	Terminated or unloaded at stations in Canada (includes exports at lake or ocean ports)	Delivered to U.S. rail connections
				Destined to Canadian points	Destined to U.S. points	Total freight traffic (excluding duplica- tions)	Per cent of grand total			
tons										
		Fabricated materials, inedible— Concluded								
335	760	Natural stone, basic products	6,502	2,245	11,279	20,026	.013	27,382	9,485	11,770
637	761	Building bricks, clay	18,559	522	362	19,443	.013	23,209	20,972	1,003
649	762	Sewer pipe and drain tile	37,651	1,285	3,285	42,221	.028	47,282	39,083	3,408
639	763	Clay bricks, blocks and tiles, n.e.s.	183,393	104,597	13,965	301,955	.199	327,209	276,211	18,876
641	765	Refractories	70,787	163,961	25,535	260,283	.171	296,329	215,478	44,696
693	767	Plate, sheet and structural glass	48,071	20,144	5,089	73,304	.048	77,029	67,866	11,529
695	769	Glass, basic products, n.e.s.	6,552	30,940	5,250	42,742	.028	47,428	36,955	5,631
683	773	Asbestos and asbestos cement, basic products, n.e.s.	3,820	95	947	4,862	.003	4,817	5,532	1,197
633	775	Cement: natural and portland	1,377,558	4,009	35,920	1,417,487	.932	1,211,904	1,361,225	82,699
643	779	Cement and concrete, basic prod- ucts, n.e.s.	38,845	7,254	1,726	47,825	.031	37,219	45,662	3,125
721	780	Abrasives, basic products	4,754	8,264	7,120	20,138	.013	19,790	10,514	9,817
647	781	Plaster	94,367	3,332	1,151	98,850	.065	108,653	102,708	1,273
645	787	Lime	406,469	40,810	18,480	465,759	.306	510,533	434,006	31,311
675	789	Non-metallic mineral basic products, n.e.s. (part)	59,906	32,055	17,395	109,357	.072	114,200	86,160	18,858
737	793	Boot and shoe cut stock and shoe findings	2,231	373	7,715	10,319	.007	11,827	2,231	8,186
713	795	Tiling and wall covering, excluding ceramic metal and wood	13,288	3,070	11,587	27,945	.018	28,891	13,098	13,618
		Total fabricated materials, in- edible	33,094,897	2,544,339	4,449,967	40,089,203	26.355	41,322,507	25,892,980	14,974,348
SECTION V										
		End products, inedible								
595, 597	819	General purpose industrial machin- ery and parts, n.e.s.	258,058	81,062	109,469	448,589	.295	531,656	315,936	135,941
591, 593	849	Agricultural machinery, equipment and parts, n.e.s.	157,807	52,721	13,310	223,838	.147	251,504	136,285	86,943
603, 605	861	Railway rolling stock	31,579	3,307	17,881	52,767	.035	50,547	32,983	20,655
607	863	Railway equipment parts	44,796	1,063	10,261	56,125	.037	50,387	38,822	20,218
613	871	Passenger automobiles and chassis	187,098	6,798	173,930	367,826	.242	407,634	191,618	177,176
615	873	Trucks and chassis, truck tractors, commercial	42,729	1,012	7,346	51,087	.034	54,339	42,715	7,675
619	875	Military motor vehicles and trailers	2,341	891	186	3,418	.002	3,315	2,746	403
623	876	Motor vehicle parts, n.e.s.	253,395	219,361	753,904	1,226,660	.806	1,493,792	383,245	773,372
617, 621	879	Motor vehicles, n.e.s.	48,963	48,354	44,579	141,896	.093	175,730	94,566	50,104
625	883	Aircraft and parts	3,416	1,047	530	4,993	.003	3,985	4,286	887
611	889	Miscellaneous vehicles and parts, n.e.s. (part)	11,394	1,543	3,471	16,408	.011	16,468	11,906	5,081
627	891	Rubber tires and tubes	52,377	2,108	34,367	88,852	.058	98,625	51,113	37,828
685	893	Communication and related equip- ment	60,661	7,109	34,697	102,467	.067	118,430	62,213	40,362
687	895	Heating and fuel burning equipment and parts	16,146	4,007	10,405	30,558	.020	34,456	20,502	11,094
707	897	Air conditioning and refrigeration equipment and parts, n.e.s.	30,209	14,678	21,853	66,740	.044	75,935	44,117	22,683
711	898	Cooking equipment for food, and parts	15,904	2,885	3,034	21,823	.014	25,951	19,768	3,362
689	900	Plumbing equipment and fittings	13,571	2,946	5,369	21,886	.014	21,223	15,997	6,282
709	905	Laundry equipment	16,455	7,744	15,326	39,525	.026	41,878	23,477	15,703
715, 717	911	Furniture and fixtures	24,244	8,234	32,034	64,512	.042	77,108	29,323	33,845
719	913	Hand tools and cutlery	2,975	1,076	1,150	5,201	.003	4,995	3,566	1,624
601	915	Office machines and equipment	1,242	—	145	1,387	.001	1,595	1,297	145
769	924	Toiletries, cleaning preparations and chemical specialties	113,423	7,244	22,695	143,362	.094	163,153	127,678	23,387
741, 743	926	Toys, games, sporting and recrea- tional equipment	2,819	719	6,878	10,416	.007	12,205	3,695	7,337
705	931	Kitchen utensils, cutlery and table- ware (excluding silverware)	4,401	960	1,028	6,389	.004	8,068	5,410	1,092
739	933	Luggage	448	384	30	862	.001	957	686	177
771	935	Matches	1,584	293	1,605	3,482	.002	2,490	1,666	1,719
691, 701	939	Personal and household goods, n.e.s. (part)	24,242	2,460	4,803	31,505	.021	29,815	24,352	7,461
553	941	Medical and pharmaceutical products	9,080	384	10,809	20,273	.013	25,478	8,966	15,404
667	943	Printed matter	5,019	12,538	24,664	42,221	.028	39,758	16,886	26,584
629	948	Firearms, weapons and ammunition (part)	3,011	270	322	3,603	.002	4,757	2,651	1,216
779	950	Metal containers	138,044	12,539	8,009	158,592	.104	167,039	153,298	9,613
697	951	Glass containers	79,324	21,853	16,956	118,133	.078	138,658	105,271	17,889
663	952	Paper bags	49,471	3,386	8,693	61,550	.040	64,160	50,009	10,542
783	953	Containers, paper, paperboard and parts, n.e.s.	32,778	4,127	26,219	63,124	.041	80,328	32,909	28,314
781	955	Wooden containers	14,772	12,593	910	28,275	.019	25,343	25,487	1,503
785, 787	959	Containers, closures and parts, n.e.s. (part)	253,461	21,360	26,376	301,197	.198	301,171	284,562	33,324
725	973	Textile end products	12,049	177	875	13,101	.009	8,079	10,339	2,592
681	989	Prefabricated buildings and struc- tures (part)	4,771	652	1,563	6,986	.005	8,324	5,310	1,800
		Total end products, inedible	2,024,057	569,890	1,455,682	4,049,629	2.662	4,619,336	2,385,656	1,641,337

Revenue Freight Carried by Railways, 1961 - Canada - Concluded

F.C.C. Code	Adapted S.C.C. Code	Commodities	Originated or loaded at stations in Canada (includes imports at lake or ocean ports)	Received from U.S. (rail)		1961		1960 Total	Terminated or unloaded at stations in Canada (includes exports at lake or ocean ports)	Delivered to U.S. rail connections
				Destined to Canadian points	Destined to U.S. points	Total freight traffic (excluding duplica- tions)	Per cent of grand total			
tons										
		Miscellaneous ²								
199	159	Nuts, n.e.s.								
	227	Spices								
	321	Copra								
	349	Crude vegetable materials, inedible, n.e.s. (part)	68,075	39,354	23,128	130,557	.086	93,386	105,223	25,531
	379	Textile and related fibres, n.e.s. (part)								
	629	Oils, fats, waxes, animal and vege- table, n.e.s. (part)								
499	349	Crude vegetable materials, inedible, n.e.s. (part)								
	351	Logs (part)								
	359	Crude wood materials, n.e.s. (part) ..								
	499	Waste and scrap materials, n.e.s.								
	549	Wood fabricated materials, n.e.s. (part)	377,460	23,290	31,026	431,776	.284	366,077	335,403	94,261
	629	Oils, fats, waxes, animal and vege- table, n.e.s. (part)								
570	383	Copper ores, concentrates and matte (part)	346,382	18	-	346,400	.228	326,530	346,098	369
	393	Nickel ores, concentrates and matte (part)								
765	079	Dairy produce, eggs and honey, n.e.s. (part)								
	149	Fruits and fruit preparations, n.e.s. (part)	5,799	19,447	21,440	46,686	.031	43,209	22,704	21,623
	249	Foods, food materials and food pre- parations, n.e.s. (part)								
799	249	Foods, food materials and food pre- parations, n.e.s. (part)								
	309	Crude animal products, inedible, n.e.s. (part)								
	349	Crude vegetable materials, inedible, n.e.s. (part)								
	379	Textile and related fibres, n.e.s. (part)								
	599	Textile fabricated materials, n.e.s. (part)								
	679	Chemical products, n.e.s. (part)								
	719	Iron and steel n.e.s. (part)								
	759	Metal fabricated basic products, n.e.s. (part)	3,698,017	142,227	642,114	4,482,358	2.947	4,233,836	3,825,633	673,293
	789	Non-metallic mineral basic products, n.e.s. (part)								
	799	Miscellaneous fabricated materials, n.e.s. (part)								
	889	Miscellaneous vehicles and parts, n.e.s. (part)								
	919	Miscellaneous equipment, n.e.s. (part)								
	939	Personal and household goods, n.e.s. (part)								
	948	Firearms, weapons and ammunition (part)								
	959	Containers, closures and parts, n.e.s. (part)								
	989	Miscellaneous products, n.e.s. (part)								
		Total miscellaneous	4,495,733	224,336	717,708	5,437,777	3.575	5,063,038	4,635,061	815,077
		Grand total, carload traffic	129,455,819	9,076,338	12,387,974	150,920,131	99.215	156,076,664	123,522,268	27,703,885
		All L.C.L. freight								
		All L.C.L. freight	991,832	96,871	105,420	1,194,123	.785	1,306,393	1,047,347	125,746
		Grand total, carload and L.C.L. traffic	130,447,651	9,173,209	12,493,394	152,114,254	100.000	157,383,057	124,569,615	27,829,631

¹ Includes fur-bearing and other live animals, n.e.s.² Includes commodities which are not assembled on the same basis in both classifications and therefore cannot be made comparable, e.g. the first five classes listed represent three different Standard Commodity Classification sections but are all contained under one such group in the Freight Commodity Classification.

APPENDIX

Note: Due to space limitations, it has been necessary to employ a shortened adaptation of the Standard Commodity Classification codes throughout this publication. Presented on the following pages is a list of these numbers along with the actual S.C.C. equivalents.

Adapted S.C.C. Code	Standard Commodity Classification Code number	Adapted S.C.C. Code	Standard Commodity Classification Code number
	Live animals		Food, feed, beverages and tobacco — Concluded
001	00110-00190	251	15110-15120
003	00219-00249	252	15150
005	00319-00349	259	06205, 06225, 06299, 15205-15299
007	00419-00449	263	15320
009	00619-00699	265	15360
		269	15310, 15330-15350, 15370-15399
	Food, feed, beverages and tobacco	279	15130-15140, 15509-15999
021	01105-01199	283	17220
029	01309-01799	285	17230-17270
059	03102-03999, 04604-04659, 04849	287	17310-17369
063	05122-05126	289	17150-17199, 27810
065	05130-05143	291	18110-18299
071	05305-05319	293	18350
079	05102-05118, 05176-05180, 05199	295	18312-18330, 18370, 18399
081	06111-06119		Crude materials, inedible
083	06129	301	20110-20299
085	06131-06139	309	00710-00999, 05500, 20305-20370, 20399, 20510-20959 20995-20999, 24310-24330, 31103-31300, 39105-39115 39125-39130, 39137-39199, 39405, 39523, 49100
086	06144-06149		
087	06159	319	21101-21199, 21235-21240, 21270-21299
091	06161-06169	323	21220
099	06124, 06199	327	21225-21229
101	06215	337	21260
105	06230	343	21610-21640, 42210-42290
107	06260-06270	351	23102-23159, 23167, 23172-23175, 23329-23379
119	06210, 06220, 06235-06255, 06610-06699, 06910-06999, 42932, 42974	355	23405-23499
121	07103	357	23624-23690
123	07109	358	23919, 29171
125	07115, 07139	363	24203-24299
127	07118	365	24410
128	07124-07127	369	24420-24499
131	07133	375	24602-24699, 36602-36695
133	07130, 07136	381	25210-25230
135	07142, 07154	383	25310
137	07145	385	25109-25119
138	07165-07199	388	25410
139	07106, 07112, 07121, 07148-07151, 07159	393	25510-25530
141	07203-07299	397	25710
149	07303-07399	399	25903, 25909-25935, 25940-25990, 27310, 27910, 27945-27960, 27985,
151	08255, 21245-21250	400	25124-25165
161	09115	401	25249, 25320-25390, 25420-25430, 25540, 25720-25730, 25937, 25995-25999
163	09130	403	29155
164	09145	405	26105-26115
165	09160	407	26130-26170
167	09170	415	26210-26220
173	09180, 09182	421	27110-27140
175	09190	423	27210-27249, 27430, 27915
179	09105-09110, 09116-09125, 09135-09140, 09155, 09165, 09175, 09181, 09185-09188, 09195-09199	427	27265
181	09206-09299	435	27510
185	09310, 09375-09376	439	27529-27540
187	09363, 09380-09399	445	27680
201	10105, 10119-10149	449	27610-27649, 27699
209	10109, 10155-10190	455	27820
219	10405-10499, 14420	457	27905
223	11210-11249	461	27940
231	12100	465	27965
249	04106-04499, 04672-04699, 04930-04990, 05146-05172, 05183-05196, 05325, 05335-05349, 06405-06499, 06510-06549, 07403-07499, 07503, 07518, 07524, 07527, 07539, 07559, 07602-07899, 09410-09790, 11110-11199, 11310-11349, 11710-11790, 12200-12300, 14110-14415, 14425-14430, 14440-14650, 14660-14699, 39120, 39339-39340, 39380-39384	467	14655, 27970
		475	27975-27977
		479	27255, 27275-27285, 27299, 27320, 27440-27499, 27655-27665, 27920-27930, 27980, 27999, 47924-47927

APPENDIX — Continued

Adapted S.C.C. Code	Standard Commodity classification Code number	Adapted S.C.C. Code	Standard Commodity classification Code number
	Crude materials, inedible — Concluded		Fabricated materials, inedible — Concluded
481	29130-29140	703	44205-44219
483	27295	704	44229-44292
491	18390	705	44310-44499, 44502-44690, 46610-46690, 46703-46709
499	24140, 25906, 29110-29120, 29160, 29185-29199	711	44710-44790
	Fabricated materials, inedible	713	44802-44807, 46805
501	30110-30899	715	44809-44872, 46810-46815, 46851-46859
511	32104-32412, 32516-32552, 49304-49328, 84383-84385, 96204-96290	717	44905-44968, 46304-46336, 46341, 46352-46399,
521	33102-33175, 33183-33199, 33403-33499	719	44302-44305
525	33309-33359	721	45108-45110
541	33503-33590	725	45102-45104, 45112-45149, 46340, 46861
545	33605-33699, 33959	727	45202-45299, 46342-46344, 46404-46499, 46820-46830, 46871-46875
547	33710-33849	735	45302-45304, 45704-45708, 46880
549	33901-33939, 33975, 33999, 96390	739	45306-45349, 45712-45749
551	34110-34199	747	45945, 45985
555	35109	749	40038, 40046-40061, 40081, 45404-45499, 45604-45649, 45905-45940, 45960-45979, 45981-45983, 45989, 46885, 46890
557	35115-35199, 90140	756	46103-46199, 51204-51212,
561	35410-35499, 35909-35957	757	46260-46299
569	35205-35399, 35510-35570, 35590, 35810-35849, 35965-35999, 38972-78908, 84801, 84924, 85612, 86632, 90104-90136, 90190, 90432, 95148, 95181, 96404-96490	760	47104-47149, 96804-96808
571	35580, 35602-35699	761	47204, 47978
573	35705-35749, 47452-47469	762	47216-47220, 47540-47548
575	35757-35779, 47909-47921	763	47208-47212, 47224-47249, 47981-47984
583	36903-36999	765	47253-47299
585	36020, 36402-36499, 37302-37399, 38005-38099, 38525-38539, 38635-38639, 38702, 38722, 38732, 38752, 38934, 38952, 38963	767	47303-47338
587	37410, 37449	769	47353-47399, 70508, 70702-70704, 85610, 86730, 96790
589	36302-36389, 37110-37299, 37420-37439, 37501-37999, 38110-38519, 38553-38609, 38649-38699, 38704-38719, 38724-38729, 38734-38739, 38754-38773, 38799, 38932, 38936-38939, 38954-38959, 38973	773	47404-47444, 47499
591	42503	775	47504-47508
605	39206-39299, 39521	779	47520-47536, 47552-47599
611	39323-39324	780	47604-47699
613	39327-39328	781	47903-47906
615	39359-39360	787	47972-47975
619	39303-39320, 39335-39336, 39343-39356, 39363-39364, 39387-39399, 39505-39519, 39525-39559	789	47945-47954
621	39580	793	49203-49272, 79110-79990
623	21919, 39605-39699	795	38783-38789, 49402-49492, 84102-84371, 84390
627	39905-39910, 39920		End products, inedible
629	39135, 39331-39332, 39599, 39705-39749, 39915, 39925	819	46845-46849, 50102-50319, 50402-51190, 51304-51390, 52102-52990, 54524-54536, 57152-57153, 59204-59300, 68904-68990, 69504-69508, 70212, 70342-70343, 70404-70490, 70804-70890, 73204-73512, 73608-73790, 76304-76316, 76328-76390, 83102, 86204-86219, 91454, 91904
631	40021-40027	849	54102-54520, 54540-54690
641	40115	861	57104-57120, 57204-57552
655	17380-17390, 40701-40756, 40771-40779	863	57604-57632
659	40005-40008, 40037, 40043, 40063-40079, 40103-40105, 40117-40135, 40141, 40152-40199, 40202-40299, 40303-40539, 40545-40609, 40613-40631, 40636-40655, 40661-40699, 40761-40763, 40802-41399, 42605-42699, 80824, 80850-80890	871	58104-58220, 58703-58790
661	20380, 41610-41689	873	58304-58332
667	42165-42180, 47448, 47512-47516	875	58604-58636, 93250
673	42302-42399, 42504-42599, 96900	876	58504-58590, 58804-58895, 61112-61120, 61192-61193
675	42702-42889	879	51402-51430, 55104-55190, 58904-58995, 72408
677	41509-41565, 93190, 93265, 93405-93495	883	60102-60324, 60408-60495
679	41703-41979	889	51902-51990, 58410-58490, 61108, 61124-61190, 83604-83690, 86304-86308
681	26230, 43109-43149	891	62102-62410
683	43209-43220, 43230-43299, 43905-43909	893	32504-32508, 49504-49599, 50321-50379, 63109-63795, 65332-65333, 68104, 68124, 68133-68790, 69104-69395, 69604-69618, 69708-69790
685	43305-43349	895	65102-65324, 65334-65490, 69639
687	26180, 43519-43549	897	65503-65595
691	40003, 40031-40035, 40041, 40099, 40111, 40139, 40145-40151, 40201, 40541, 40611, 40635, 40659, 43225, 43609-43649, 43920-43925, 43929, 43945-43959, 43999	898	66104-66300
693	26320, 26349	900	67104-67190
695	39930, 43927, 43935-43940	905	69404-69490, 73104-73190, 86104-86108, 86116, 86190
701	44105-44199	911	68106-68118, 68127-68130, 73516, 74103-74400, 74604-74732, 74756-74790, 96704
		913	70904, 75102-75890, 90276, 96304
		915	77104-77190, 90312-90336

APPENDIX - Concluded

Adapted S.C.C. Code	Standard Commodity Classification Code number	Adapted S.C.C. Code	Standard Commodity Classification Code number
	End products, inedible - Concluded		Miscellaneous - Concluded
924	80604-80708, 80832-80840	499	29173-29179
926	83104-83590	549 pt.	33179, 33943-33949, 33983-33991
931	76104-76212, 85104-85590, 86112, 86120, 86504-86520	629 pt.	39940-39999
933	78952-78964, 86404-86490	383 pt.	25520
935	86604-86608	393 pt.	25310
939	46502-46599, 47963-47966, 76324, 85604-85608, 86110, 86124, 86720-86728, 96608, 96880	079 pt.	05329
941	21935-21940, 40011, 80104-80500, 80820, 87110-87999	149 pt.	07502, 07517, 07523, 07526, 07538, 07558
943	89104-89108, 89204-89900	249 pt.	14435
948	93101-93151, 93205-93249	309 pt.	20970
950	76216-76220, 95103-95109, 95118-95127	349 pt.	21925
951	95130-95136, 95204-95208	379 pt.	24110-24130
952	95145-95146	599 pt.	36210-36249, 36510-36549, 36702-36779, 38901-38929, 38941-38949, 38966-38969, 38975-38999
953	95141-95142	679 pt.	42105-42159, 42185-42199, 42902-42923, 42936-42973, 42976-42999
955	95154-95160, 95166	719 pt.	44225
959	95112, 95139, 95149, 95163, 95175-95179, 95193-95199, 95290	759 pt.	46904-46999
973	95169-95172	789 pt.	47704-47732, 47930-47936, 47969
989	94110-94150	799 pt.	34200, 49332-49340
	Miscellaneous	889 pt.	59109-59190
159	08110-08240, 08260-08299	919 pt.	60404, 67204-67295, 70104-70190, 70204-70208, 70216-70290, 70304-70340, 70344-70390, 70512-70648, 70708-70720, 70920-70990, 71104-71151, 72108-72404, 72412-72590, 74504-74508, 74740-74748
227	11405-11499		
321	21210		
349 pt.	21303-21399, 21945-21965	939 pt.	78101-78890, 78904, 78912-78948, 78972-78990, 80712-80742, 82204-82400, 84912-84916
379 pt.	24510-24599	948 pt.	93270-93295
629 pt.	39410-39449	959 pt.	95115, 95184-95190, 95212
349 pt.	21410-21490, 21710-21915, 21930, 21970-21999	989 pt.	88104-88290, 88504-88590, 91104-91216, 91504-91890, 91908-91990, 93310-93390, 94204-94490, 96104-96149, 96504-96606, 96612-96690, 96890
351 pt.	23162-23165, 23170, 23179		
359 pt.	23909, 23950-23999		







